

SPECIFICATIONS

Video Inputs: 8 BNC Terminated @ 75 Ohm
Video Inputs are toggle switch selectable.
Toggle positions: Bypass, Sequence & Home
Video Output: 2 BNC Terminated @ 75 Ohm
Dwell adjust: 2-Front panel recessed pots
Dwell Time: From approximately 1 second to 30 seconds
Alarm Input: Compression Connector on rear panel
Camera Position LED indicators (8)
Power: 9-12VDC
Supplied accessories:
UL approved 9-12VDC Wall Transformer

AVE

8PSWT
8 POSITION
SEQUENCING
ALARMING, HOMING, & BYPASSING,
SWITCHER



INTRODUCTION

The 8PSWT is an 8 position sequencing, alarming, homing, & bypassing switcher. The front panel toggle switches allows for automatic sequencing, homing and by-passing of the 8 video inputs. Sequencing is controlled by 2 front panel recessed dwell pots. These pots are recessed to eliminate accidental adjustment. The dwell adjustment varies from approximately 1 second to 30 seconds. Camera position 4 & 8 are alarming.



OPERATION

The 8 toggle switches control homing, sequencing and by-passing. The LED's above each toggle switch give a visual indication of the current camera. Homing any camera will stop the sequence mode and display the selected camera. If no homing switch is used, the switcher sequences through all cameras selected for sequencing in the loop.

When a toggle switch is in the "BYPASS" position, the switcher will drop this camera from the sequence or bypass it. When the toggle switch is in the "SEQUENCE" position this camera is included in the sequence.

Selecting the "HOME" position will home the switcher to the selected camera and stop sequencing.

DWELL

The dwell or time that each camera appears on screen can be adjusted by the recessed front panel control. This can be varied from approximately 1 second to 30 seconds. Use a small flat bladed screwdriver to adjust this control. Turning this pot to the right increases the dwell time.

ALARMING

The alarming feature is tied to camera position 4 & 8 of the 8PSWT. The alarm input is located on the rear of the switcher. This compression type connector allows for the connection of an alarm switch or other alarming device. To open the cage clamp, insert a small flat bladed screwdriver in the small slot below the clamp. When inserted, push the screwdriver slightly downwards, this opens the clamp. Insert the wire and remove the screwdriver blade. When an alarm is connected, the switcher will always "HOME" to camera four on an alarm. Homing to camera four will occur upon an alarm regardless of the switch positions of the other cameras. If camera four is in the bypass mode, it will still home upon an alarm and return to the sequence or other selected modes upon the completion of the alarm. If cameras 1, 2, & 3 are sequencing, and camera 4 is in the bypass mode, upon an alarm the switcher will home to camera four for the alarm duration and continue the sequence from where it was when the alarm was triggered when the alarm stops.

POWER

The switcher is powered by the included wall transformer. The unit can be powered from 9 to 12VDC. The center post of the DC Coax is POSITIVE.

CONNECTIONS

The VIDEO inputs are BNC type connectors. The inputs are 75 Ohm terminated and require 1V P-P. Connect the video cameras to the switcher in the desired order. Connect Video out to your VCR or Monitor. Connect the Alarm if desired. Plug in the DC Coax connector. The switcher is now operational. Select the desired front panel controls and adjust the dwell.

Typical Alarm Input
Wiring

